

Amendments to the Specification:

- Please replace the paragraph beginning at line 2 of page 13 with the following:

Figure 1: Amino acid sequence of human hPygo2. The putative nuclear localisation signal (KKRRRK) is in bold. The C-terminal PHD ~~id~~ is double underlined and the NHD is single underlined.

- Please replace the paragraph beginning at line 30 of page 27 with the following:

The invention also encompasses kits for detecting the presence of a ~~kinase~~ pygopus nucleic acid in a biological sample. The kit can comprise reagents such as a labeled or labelable nucleic acid or agent capable of detecting Pygopus-2 gene or mRNA in a biological sample; means for determining the amount of Pygopus mRNA in the sample; and means for comparing the amount of Pygopus mRNA in the sample with a standard. The compound or agent can be packaged in a suitable container. The kit can further comprise instructions for using the kit to detect Pygopus mRNA or DNA.

- Please replace the paragraph beginning at line 23 of page 73 with the following:

The invention also encompasses kits for using antibodies to detect the presence of a protein in a biological sample. The kit can comprise antibodies such as a labeled or labelable antibody and a compound or agent for detecting protein in a biological sample; means for determining the amount of protein in the sample; means for comparing the amount of protein in the sample with a standard; and instructions for use. Such a kit can be supplied to detect a single protein or epitope or can be configured to detect one of a multitude of epitopes, such as in an antibody detection array. Arrays are described in detail below for ~~nucleic~~ nucleic acid arrays and similar methods have been developed for antibody arrays.